

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-09-23 16:30:44  
Date of Next Testing: 2029-09-22 16:30:44  
Product Name: **Phosphorus pentoxide**  
CAS Number: 1314-56-3  
Specifications & Purity: ACS, ≥98%, powder  
Lot #: I2512403  
SKU #: **P116348**  
Version: **0**  
Analysis #: **562150**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Heavy metal (as Pb)	0-0.01 (%)	0.01 %
Insoluble matter in H <sub>2</sub> O	0-0.02 (%)	0.00 %
Purity (Titration by NaOH)	98-100 (%)	98.93 %
Ammonia (NH <sub>4</sub> )	0-0.01 (%)	0.01 %
Appearance (P116348)	White to Off-White Powder	White to Off-White Powder
Miscellaneous Assay(P <sub>2</sub> O <sub>3</sub> )	pass	Pass
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager